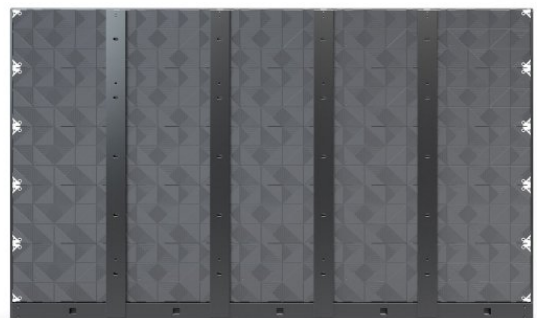


## Sharp LD-D151-137

Indoor LED 1.5 mm 137" FullHD Bundle

# Datasheet



### Next-Level Visual Performance. Built to Endure.

Delivering vibrant colour, deep blacks, and extreme contrast, the Sharp D Series redefines the visual experience with captivating content, even in the brightest environments. Powered by advanced flip-chip CoB technology, it provides outstanding image clarity and true blacks, aligning it for presentation of detail-rich content, wayfinding, and immersive digital storytelling across a variety of settings.

The highly energy efficient flip-chip CoB architecture not only enhances visual performance but also reduces power consumption, helping to significantly lower operating costs over its long lifetime.

Engineered for durability, the D Series performs reliably in demanding spaces such as transport hubs, public venues and corporate settings. Choose from standard-size bundle options, including all the components needed for seamless integration of large format displays, free from distracting bezels. Its robust construction, high brightness, and long service life make it a smart investment for professional installations that prioritise visual quality and long-term value.

## Benefits

**Excellent contrast ratio of up to 20000:1 and deep black level** – ensures content is presented in vivid clarity for the best possible viewing experience.

**Significantly lowering your energy usage** – CoB technology is highly efficient, consuming up to 40% less power compared to standard SMD technology at the same brightness output.

**Established mechanical cabinet design** – supports wall mounted or freestanding installation with speed and ease, achieving precision module alignment for a single large surface perception.

**Excellent visual performance** – unseen colour reproduction with excellent off angle performance.

**Secure investment in high-end dvLED visualisations** – CoB technology enables installations to be more robust and long lasting.

**Product Information**

|               |                                      |
|---------------|--------------------------------------|
| Product Name  | Sharp LD-D151-137                    |
| Product Group | Indoor LED 1.5 mm 137" FullHD Bundle |
| Components    | LD-151                               |
| Order Code    | 81000827                             |

**Display**

|                           |                               |
|---------------------------|-------------------------------|
| LED type                  | COB (0408)                    |
| Screen Size [inch/cm]     | 137 / 348                     |
| Aspect Ratio              | 16:9                          |
| Pixel Pitch [mm]          | 1.5                           |
| Brightness (max.) [cd/m²] | 800                           |
| Lifetime                  | 100000 hrs (50% brightness)   |
| Contrast Ratio (typ.)     | 20000:1                       |
| Viewing Angle [°]         | 160 horizontal / 160 vertical |
| Dimming Capability        | 256 levels                    |
| Colour Processing         | 16 bit                        |
| Colours [Trill.]          | 281                           |
| LED Driving Method        | 1/36 dynamic scan             |
| Frame Rate [Hz]           | 50/60                         |
| Refresh Rate [Hz]         | ≤ 3840                        |
| Colour Temperature [K]    | 3000 - 9500                   |

**Screen Resolution**

|                                  |             |
|----------------------------------|-------------|
| Resolution                       | 1920 x 1080 |
| Resolution per m²                | 623269      |
| Number of Pixel per module [dot] | 384 x 216   |
| Number of Pixel per card [dot]   | 96 x 108    |

**Connectivity**

|                     |                                 |
|---------------------|---------------------------------|
| Input Video Digital | 1 x 3G SDI; 1 x DVI-D; 1 x HDMI |
|---------------------|---------------------------------|

**Electrical**

|                             |                      |
|-----------------------------|----------------------|
| Total Power Consumption [W] | 900 typ. / 1625 max. |
|-----------------------------|----------------------|

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Power Consumption<br>typ. [W]   | 173 per m <sup>2</sup> (normal use) |
| Power Consumption<br>max. [W]   | 313 per m <sup>2</sup>              |
| Power Consumption<br>typ. [BTU] | 588 per m <sup>2</sup> (normal use) |
| Power Consumption<br>max. [BTU] | 1064 per m <sup>2</sup>             |

## Environmental Conditions

|                               |           |
|-------------------------------|-----------|
| Operating Temperature<br>[°C] | -20 to 40 |
| Operating Humidity [%]        | 10 to 80  |

## Mechanical

|                                           |                      |
|-------------------------------------------|----------------------|
| Dimensions (W x H x D)<br>[mm] per module | 608 x 342 x 48.5     |
| Dimensions (W x H x D)<br>[mm]            | 3,080 x 1,831.5 x 82 |
| Weight [kg]                               | 234                  |

## Additional Features

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shipping Content        | 1x LED Controller; LED Modules (25 Cabinets, 200 Pixel Cards); Overframe Kit (5x5); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (5x5) |
| Special Characteristics | Single Data Receiving Cards; Single Power Supplies                                                                                                                              |
| Manufacturer            | SHARP                                                                                                                                                                           |
| Serviceability          | Front Service                                                                                                                                                                   |
| IP Level                | IP20; IP40                                                                                                                                                                      |
| Certifications          | CE; ETL; FCC Class A; RoHS                                                                                                                                                      |
| Warranty                | 3 years                                                                                                                                                                         |
| Material                | Aluminum Cabinet                                                                                                                                                                |

\* 137 inch



RoHS



FCC Class A



CE

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